

METHOD OF ACTIVATING CATALYST FOR CARBON MONOXIDE REMOVAL, CATALYST FOR REMOVING CARBON MONOXIDE, METHOD OF REMOVING CARBON MONOXIDE, AND METHOD OF OPERATING FUEL CELL SYSTEM

Patent number: WO0222256

Publication date: 2002-03-21

Inventor: ECHIGO MITSUAKI (JP); TABATA TAKESHI (JP); SASAKI HIROKAZU (JP); YAMAZAKI OSAMU (JP)

Applicant: OSAKA GAS CO LTD (JP); ECHIGO MITSUAKI (JP); TABATA TAKESHI (JP); SASAKI HIROKAZU (JP); YAMAZAKI OSAMU (JP)

Classification:

- international: B01J23/46; B01J37/18; H01M8/04; H01M8/06; H01M8/10

- european: B01J23/46B; B01J35/00D; B01J37/16; B01J37/18; C01B3/58B; C10K3/04; H01M8/06C

Application number: WO2001JP08023 20010914

Priority number(s): JP20000281936 20000918; JP20010140385 20010510

Also published as:



EP1325778 (A1)
US2004038093 (A1)
CA2422795 (A1)

Cited documents:

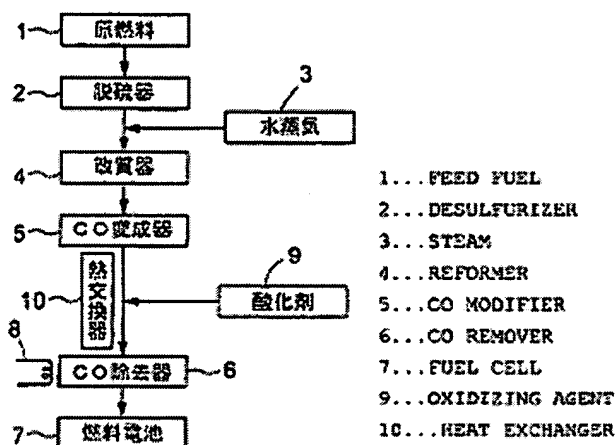


JP9030802
JP2001129401
JP10029803
JP10029802

Report a data error here

Abstract of WO0222256

A catalyst for carbon monoxide removal such as a supported ruthenium catalyst, with which carbon monoxide is oxidatively removed from an alcohol reforming gas containing hydrogen and carbon monoxide to be supplied to a fuel cell, is brought into contact with an inert gas or an inert gas containing less than 50 vol.% hydrogen gas only to thereby activate the catalyst. Thus, the poisoning of a fuel cell electrode by carbon monoxide is prevented.



Data supplied from the esp@cenet database - Worldwide